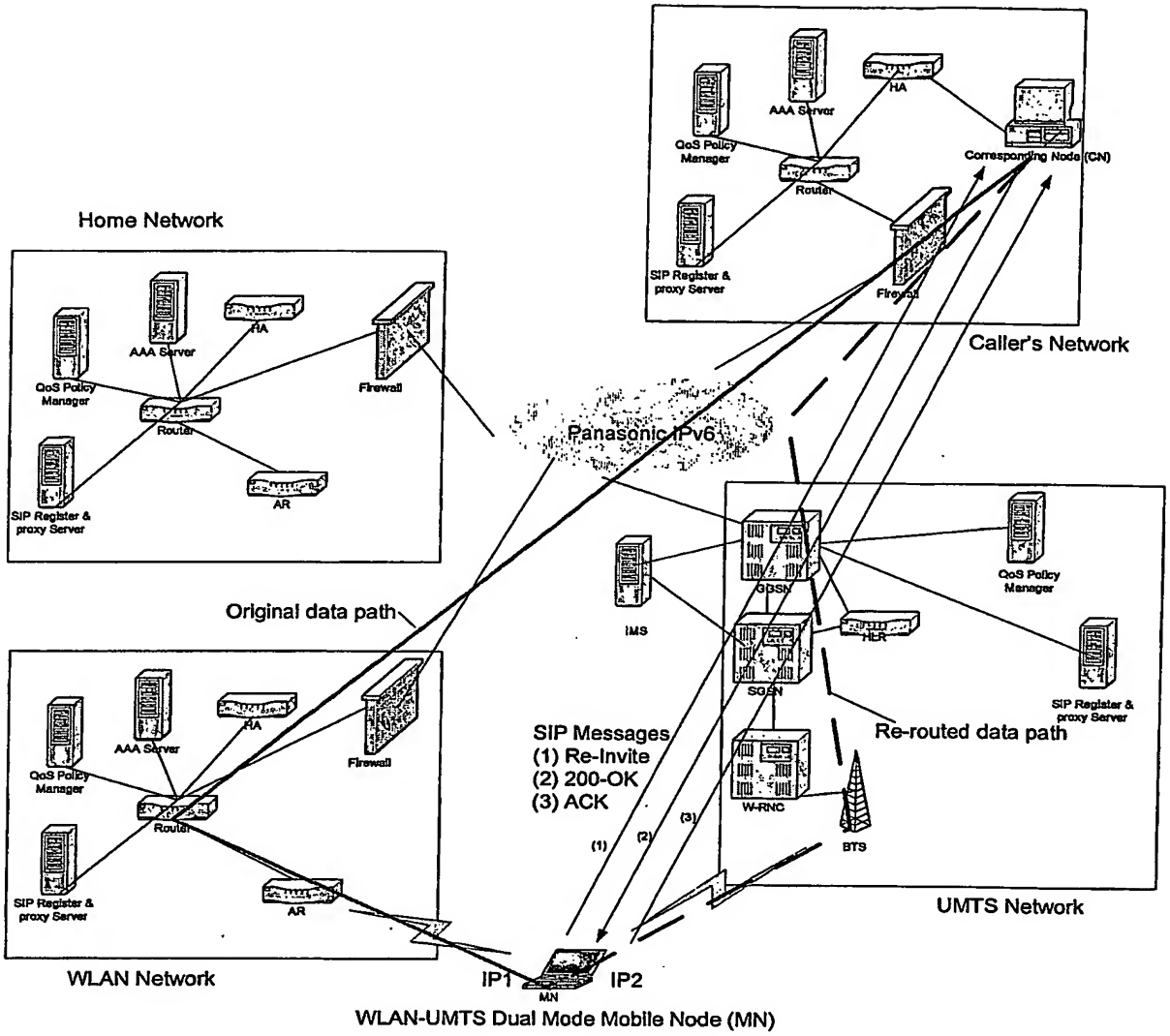
Home Network
QoS Policy Manager
AAA Server
HA
Firewall
Router
AR
SIP Register & proxy Server
Caller's Network
Corresponding Node (CN)
Panasonic IPv6
Original data path
IMS
GGSN
SGSN
HLR
W-RNC
BTS
SIP Messages
(1) Re-Invite
(2) 200-OK
(3) ACK
Re-routed data path
UMTS Network
WLAN Network
IP1
IP2
MN
WLAN-UMTS Dual Mode Mobile Node (MN)

Figure 1

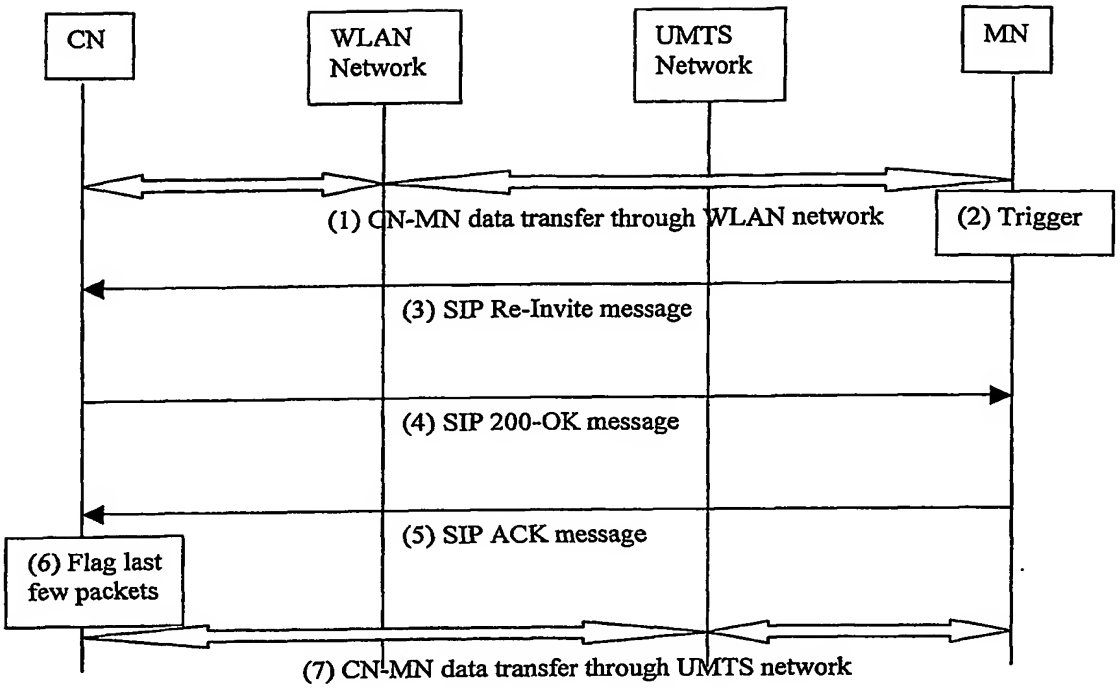
CN
WLAN Network
UMTS Network
MN
(1) CN-MN data transfer through WLAN network
(2) Trigger
(3) SIP Re-Invite message
(4) SIP 200-OK message
(5) SIP ACK message
(6) Flag last few packets
(7) CN-MN data transfer through UMTS network

Figure 2

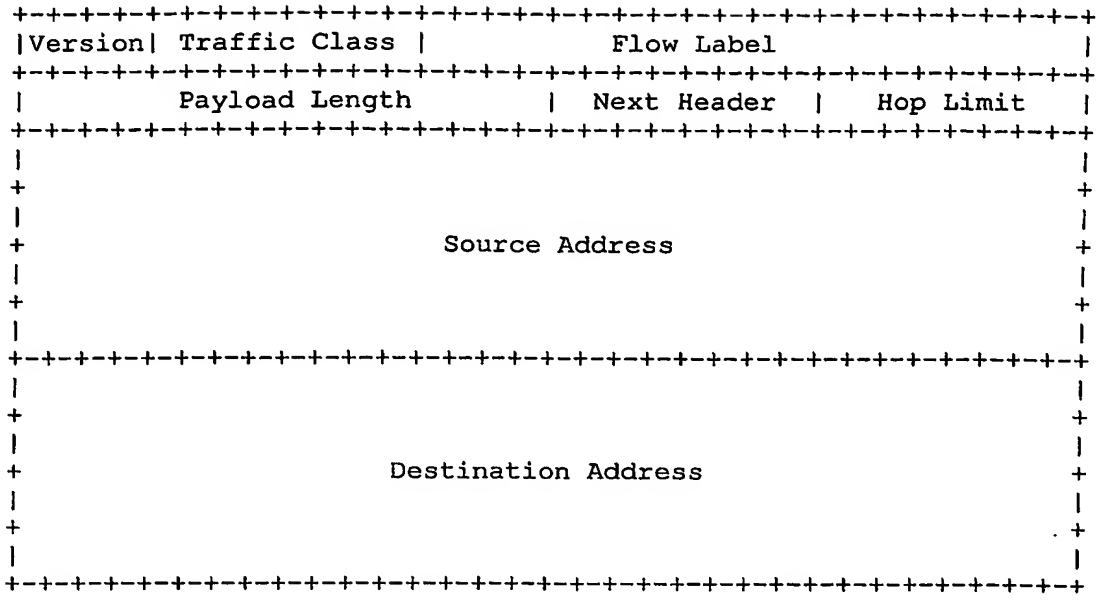

Figure 3

Value (in decimal)	Header
0	Hop-by-Hop Options Header
6	TCP
17	UDP
41	Encapsulated IPv6 Header
43	Routing Header
44	Fragment Header
46	Resource ReSerVation Protocol
50	Encapsulating Security Payload
51	Authentication Header
58	ICMPv6
59	No next header
60	Destination Options Header

Figure 4